



Using the Pipe Saw

1. Wear your protective equipment including ear defenders and goggles.
2. Switch off and remove the plug from the socket before making adjustments or changing the blade.
3. Check that the blade is fitted correctly.
4. You must clamp this saw to the pipe being cut. With the saw switched off, set the saw and clamp in position then tighten the clamp. Switch the saw on and pivot the saw blade into the item being cut.
5. Hold the saw securely while working.
6. Keep your hands away from the cutting blade - take great care if you need to support the offcut.
7. If the saw starts to labour and slow down, do not force it so hard. Do not overLoad the saw, you will break the blade.
8. When cutting metal, lubricate the blade with cutting oil. Use an oilcan with a suitable spout.
9. Make sure that any ventilation slots in the pipe saw are clear; do not cover them with your hand when you hold the saw.
10. Stop the saw if someone approaches you.
11. Keep the cable clear of the blade.
12. If you think the cable may be cut or damaged in any way, switch off and unplug at the socket before inspecting it. If the cable attached to the pipe saw is damaged, stop using the machine. Contact the hire company. If an extension cable has been damaged, do not use it again.
13. Take care not to accidentally pull the plug from the socket.
14. After switching off, wait for the blade to stop completely before unclamping the saw.
15. Switch off and remove the plug from the socket before leaving the pipe saw unattended.
16. If your equipment does not work properly do not attempt to repair it. Contact the hire company.

Please store this leaflet safely. It may be required for further information



Hire Association Europe
2450 Regents Court
The Crescent
Birmingham Business Park
Soliuhull B37 7YE

Telephone: 44 (0) 121 380 4600
Fax: 44 (0) 121 333 4109
Email: mail@hae.org.uk
website: www.hae.org.uk

The rules and procedures in force where people are at work may require the person responsible for this equipment to carry out a specific risk assessment.

It is important to read all of this leaflet BEFORE using the Pipe Saw

1. Electricity can be hazardous and must always be used with great care.
2. This pipe saw is designed to cut metal or plastic pipes and similar items. It should be clamped to the pipe adjacent to where it will cut.
3. The action of this pipe saw can cause injury or damage if the machine is not used in a careful and controlled way.
4. If you have not used a pipe saw before, familiarise yourself with the machine on some straight forward work before you start on the main task.
5. Plan your work and think ahead to make sure you will always be working safely.
6. You must have at least the following items of personal protective equipment: impact resistant goggles: EN166 - B or BS2092 grade 1; ear muffs or plugs giving protection for levels up to 95 dB(A); rcd if using a 230 volt (mains) supply.
7. This pipe saw must not be used by minors, or by anyone under the influence of drugs or alcohol.
8. This pipe saw is designed for operation by an able bodied adult. Anyone with either temporary or permanent disability must seek expert advice before using it.



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Useful Reference Points • www.hse.gov.uk/electricity/information/construction.htm

WORK AREA

1. Do not use this pipe saw where there is a danger of explosion. It will ignite fumes from petrol, or gas cylinders.
2. Make sure that the area is clear and safe and that no-one is near to you or could distract you.
3. Protect other people from the noise and danger. Warn others to keep away.
4. Do not use this saw in the rain or where it might get wet.

OPERATORS

1. The following items of personal protective equipment (ppe) are the minimum that should be worn whenever you use this machine. Particular jobs or environments may require a higher level of protection.
2. You must wear impact resistant goggles (EN166 - B or BS2092 grade 1) when you are working with this pipe saw.
3. This pipe saw is likely to cause noise levels up to 95 dB(A) - wear appropriate ear muffs or plugs giving hearing protection for this level as a minimum.
4. Anybody who is working near to you will also need to wear appropriate personal protective equipment.
5. Make sure you are not wearing loose clothing or jewellery that could be caught in the machine. If you have long hair, tie it back.

PIPE SAW

1. Check your saw, cables, plugs and blades. If anything is found damaged, do not use the pipe saw - contact the hire company.

Before Starting Work...



2. Check that the plug on your saw matches your supply. Do not try to force connections or improvise them.
3. Saws with a cylindrical yellow industrial plug fitted are designed to run off a special 110v supply. The hire company will have provided a portable transformer if you need to power the machine from a normal mains 230v supply. If a portable transformer has been supplied, take care not to injure yourself when moving it about - it may be heavier than you think. Saws designed to run directly from 230v mains will have either a normal square pin plug fitted, or a blue industrial plug. 13. Any work that is not part of a fixture, should be securely clamped or held in a Vice
4. Check on how the on/off switch operates - before you switch the pipe saw on, you must know how to stop it.

BLADES

1. Switch off and remove the plug from the socket before making adjustments or changing the blade.
2. Make sure you use the correct type of blade for this machine

recommended by the hire company for the job you are doing.

3. Because the saw is clamped to the workpiece you are able to exert a lot of pressure when sawing. Take care not damage or snap the blades.

ELECTRICAL SAFETY

Your machine will only operate on one voltage: it will be 110v or 230v. 110v machines will have a yellow industrial plug fitted. 230v machines will have either a normal square pin plug fitted, or a blue industrial plug. Read the instructions below for your machine.

110 VOLT MACHINES (YELLOW PLUG)

1. If you are using a portable transformer, plug the transformer directly into the 230v volt socket. Do not use any 230v extension cables.
2. If you need to use an extension cable, follow any special instructions, you should only use a suitably rated heavy duty 110v extension cable, not longer than 50 metres (160 feet). You must only use an extension cable between the transformer and the machine.
3. Lay the extension cable out carefully avoiding liquids, sharp edges,



doorways or windows where it might be trapped, and places where vehicles might run over it. Unroll it fully or it will overheat and could catch fire.

4. Make sure that any extension cable connections are dry and safe.

230 VOLT MACHINES (SQUARE PIN OR BLUE PLUG)

1. Use a residual current device ("rcd") plugged directly in to the 230volt socket. Plug your machine into the rcd. This will help to protect you against electric shock if the cable or machine get damaged.
2. Use the "TEST" button to check that the rcd is working each time you use it. Reset the rcd according to the instructions supplied with it.
3. If you need an extension cable, follow any special instructions given by the hire company. If the hire company have not given any special instructions, you should only use a suitably rated heavy duty one, not longer than 50 metres (160 feet). Plug it directly into the rcd.
4. Lay it out carefully avoiding liquids, sharp edges, doorways or windows where it might be trapped, and places where vehicles might run over it. Unroll it fully or it will overheat and could catch fire.
5. Make sure that any extension cable connections are dry and safe.

